

\*\*\*\*\*STN Columbus\*\*\*\*\*

FILE 'HOME' ENTERED AT 16:14:51 ON 08 OCT 1997

=> file uspatfull

L1 62406 ENZYM?  
L2 30688 RECOMBIN?  
L3 182553 KIT# OR PACKAG?  
L4 58 L1 (25A) L2 (25A) L3

=> d pn 1-7

L4 ANSWER 1 OF 58 USPATFULL  
PI US 5656422 970812

L4 ANSWER 6 OF 58 USPATFULL  
PI US 5593844 970114

=> d kwic 1-5 14

L4 ANSWER 1 OF 58 USPATFULL  
SUMM . . . a phenolic product under conditions compatible with activity of the enzyme; 4-aminoantipyrine; potassium ferricyanide; and instructions for use. Preferably, the \*\*\*kit\*\*\* further comprises Fe(NH.sub.4).sub.2 (SO.sub.4).sub.2 and .alpha.-ketoglutarate. Again, the dried \*\*\*enzyme\*\*\* preparation may be, e.g., a cell, preferably a cell comprising a \*\*\*recombinant\*\*\* nucleic acid that encodes the 2,4-D .alpha.-ketoglutarate dioxygenase, or a crude lysate of such a cell, and is preferably immobilized. . .

CLM What is claimed is:

31. A \*\*\*kit\*\*\* according to claim 28 wherein the dried \*\*\*enzyme\*\*\* preparation is a crude lysate of a cell, the cell comprising a \*\*\*recombinant\*\*\* nucleic acid that encodes the 2,4-D .alpha.-ketoglutarate dioxygenase.

L5 5056 ENZYME# (5A) (TWO OR THREE OR FOUR OR FIVE)  
L6 80 L5 (25A) RECOMBINANT  
L7 78 L6 NOT L4

=> d pn 1-17

L7 ANSWER 1 OF 78 USPATFULL  
PI US 5672497 970930

L7 ANSWER 16 OF 78 USPATFULL  
PI US 5580757 961203

=> d kwic 1-15

STN INTERNATIONAL SESSION SUSPENDED AT 16:22:06 ON 08 OCT 1997

APS  
update